DT-704 HAULAGE TRUCK

**GENERAL**

**MAIN DIMENSIONS**
- Total Length: 20'-3 1/16" (6174 mm)
- Width without Dump Box: 5'-1" (1549 mm)
- Maximum Width: 5'-1" (1549 mm)
- Height at Protective Canopy: 7'-7 5/8" (2328 mm)
- Height at Dump Box: 5'-6 7/8" (1698 mm)
- Dump Height: 10'-1 1/2" (3085 mm)

**WEIGHTS**
- Operating Weight: 16,500 lbs (7,484 kg)
- Total Loaded Weight: 30,500 lbs (14,014 kg)

**AXLE WEIGHT WITHOUT LOAD**
- Front Axle: 10,900 lbs (4,944 kg)
- Rear Axle: 5,600 lbs (2,545 kg)

**AXLE WEIGHT WITH LOAD**
- Front Axle: 14,000 lbs (6,350 kg)
- Rear Axle: 16,500 lbs (7,500 kg)

**CAPACITIES**
- Standard Payload: 14,000 lbs (6,364 kg)
- Standard Box: 4.3 yd³ (3.3 m³)

**DRIVING SPEEDS FWD & REV (0% GRADE)**
- 1st Gear: 2.6 mph (4.2 km/h)
- 2nd Gear: 5.0 mph (8.1 km/h)
- 3rd Gear: 11 mph (17.7 km/h)

**TURNING RADIUS**
- Right Inner: 10'-10 7/8" (3324 mm)
- Right Outer: 17'-3 3/8" (5267 mm)
- Turning Angle: 16 deg.

**STURCTURAL**
- Rear & Front Frames: Welded steel box construction
- Material: ASTM A572 GR50 (CSA G40.21-50W)

**HYDRAULICS**

**DUMP BOX HYDRAULICS**
- Variable displacement piston pump with load sensing closed center circuit design for optimal efficiency. Double-acting dual dump cylinders.

**BOX MOTION TIMES (+/- 1 S)**
- Raising Time: 9.0 s
- Lowering Time: 6.0 s
- Dump Angle: 70 deg.

**STEERING HYDRAULICS**
- Variable displacement piston pump with load sensing closed center circuit design. Orbital steering for bi-directional operation. Single stage, double acting steer cylinders.

**ARTICULATION MOTION TIMES (+/- 1 S)**
- Turning Time Right: 3.0 s
- Turning Time Left: 3.0 s

**BRAKE SYSTEM**
- Service brakes are hydraulic applied, spring released, enclosed wet multi-disk brakes. Park and emergency brake are spring applied hydraulic released wet multi-disk.

**ELECTRICAL EQUIPMENT**

**OPTIONS**

**POWERTRAIN**

**ENGINE OPTIONS**

**ENGINE**
- Deutz D914L05
- Deutz BF4L914

<table>
<thead>
<tr>
<th>Specification</th>
<th>Deutz D914L05</th>
<th>Deutz BF4L914</th>
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<tbody>
<tr>
<td><strong>CERTIFICATION</strong></td>
<td>Tier 3</td>
<td>Tier 2</td>
</tr>
<tr>
<td><strong>DISPLACEMENT</strong></td>
<td>5.4 litres</td>
<td>4.3 litres</td>
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<tr>
<td><strong>BORE</strong></td>
<td>4.01&quot; (102 mm)</td>
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<tr>
<td><strong>STROKE</strong></td>
<td>5.19&quot; (132 mm)</td>
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<tr>
<td><strong>OUTPUT</strong></td>
<td>97.2 hp (72.5 kW) @2300 rpm</td>
<td>96.1 hp (71.7 kW) @2500 rpm</td>
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<tr>
<td><strong>MAX TORQUE</strong></td>
<td>245.6 ft-lbs (335 Nm) @1500 rpm</td>
<td>264.7 ft-lbs (355 Nm) @1600 rpm</td>
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<tr>
<td><strong>NUMBER OF CYLINDERS</strong></td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td><strong>TYPE OF COOLING</strong></td>
<td>Air Cooled</td>
<td>Air Cooled</td>
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<tr>
<td><strong>COMBUSTION PRINCIPLE</strong></td>
<td>High Pressure Injection Pump</td>
<td>High Pressure Injection Pump</td>
</tr>
<tr>
<td><strong>ELECTRICAL SYSTEM</strong></td>
<td>24 VDC</td>
<td>24 VDC</td>
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<tr>
<td><strong>GOVERNOR</strong></td>
<td>Mechanical</td>
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The vehicle heights and ground clearance will vary with tire manufacturer, tire pressure and loads. When the vehicle is loaded, expect tires to compress about 1 3/4".